



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-01721

Friday May 5, 2023

Satellite Licensing Division and Satellite Programs and Policy Division Information **Space Station Applications Accepted for Filing**

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined that the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions, and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

SAT-LOA-20230315-00060 E S3163 Lockheed Martin Corporation
Date Filed: 03/15/2023 13:39:58:42600
Launch and Operating Authority

Lockheed Martin Corp. requests authority to deploy and operate 230 space stations, including operations on and from the lunar surface, as well as with certain space stations while in transit to the moon. Lockheed requests authority for the space stations to communicate with each other on the lunar surface using the 410-420 MHz, 2400-2480 MHz, 2503.5-2650 MHz, 3400-3700 MHz, 5150-5350 MHz, 5470-5725 MHz, and 5850-5925 MHz (space-to-space) frequency bands. Lockheed also requests authorization for operations in the following frequency bands for operations with the space stations: 390-405 MHz, 406-406.1 MHz, and 435-450 MHz (lunar orbit-to-lunar surface and lunar surface-to-lunar orbit); 2025-2110 MHz (lunar orbit-to-lunar surface and Earth-to-space (while in transit)); 2200-2290 MHz (lunar surface-to-lunar orbit and space-to-Earth (while in transit)); 2483.5-2500 MHz and 5010-5030 MHz (lunar orbit-to-lunar surface); 7190-7235 MHz and 22.55-23.15 GHz (Earth-to-lunar surface and Earth-to-space (while in transit)); 8450-8500 MHz and 25.5-27.0 GHz (lunar surface-to-Earth and space-to-Earth (while in transit)); 23.15-23.55 GHz (lunar orbit-to-lunar surface) frequency band; and 27.0-27.5 GHz (lunar surface-to-lunar orbit). In connection with its request, Lockheed requests waiver of the U.S. Table of Allocations, 47 CFR § 2.106. Lockheed also requests waiver of sections 25.112(a)(3), 25.114(c), 25.156, 25.157, 25.159, 25.164, 25.165, and 25.217 of the Commission's rules. We defer acceptance for filing on Lockheed's request to deploy and operate an unspecified number of space stations as part of its planned "Phase 2".

SAT-MOD-20230407-00077 E S3144 Momenus Space LLC
Date Filed: 04/07/2023 18:50:19:68000
Modification

Momenus Space LLC seeks modification of the authorization for its Vigoride-5 (VR-5) space station by extending its license term for an additional 120 days. VR-5 is authorized to perform space operations at an initial sun-synchronous orbit at altitudes between 500 and 550 km, and then in a sun-synchronous orbits an altitudes of 538 km and 541 km, followed by operations in an elliptical orbit with a perigee of 350 km and apogee of 541 km. VR-5 is authorized to operate using downlinks with center frequencies at 8200 MHz and 9984 MHz for telemetry and tracking, and using an uplink centered at 2075 MHz for command.

For more information concerning this Notice, contact the Satellite Licensing Division and Satellite Programs and Policy Division at (202) 418-0719.